## FIG. 1A

1531 Slb1	
1531 Slb1 — SGAGATTAGAATGGGATTATTGGWATGACYCAGTTGTCRCTTGATACAGAG	1590
GAGATTAGAACACCATTGAATGGGATTATTGCMMTG.ToToToToToToToToToToToToToToToToToToT	530
H1	
TTGACRCAGTACCAACGAGAGATGTTGTCGATTGTGCATAACTTGGCAAATTCCTTGTTG	1650
LeuThrGlnTyrGlnArgGluMetLeuSerIleValHisAsnLeuAlaAsnSerLeuLeu	550
TeninidiniAidTumidelmechengeriicAminipusmaga	
ACCATTATAGACGATATATTGGATATTTCTAAGATTGAGGCGAATAGAATGACGGTGGAA	1710
ThrileIleAspAspIleLeuAspIleSerLysIleGluAlaAsnArgMetThrValGlu	570
Tullfilevabyarbilenenarbilenenarbilenenarbilesen	
CAGATTGATTTTCATTAAGAGGGACAGTGTTTGGTGCATTGAAAACGTTAGCCGTCAAA	1770
GlnIleAspPheSerLeuArgGlyThrValPheGlyAlaLeuLysThrLeuAlaValLys	590
GINITEASPPHESELDERHIGGTAIN ANTINOSTATION -	
GCTATTGAAAAAACCTAGACTTGACCTATCAATGTGATTCATCGTTTCCAGATAATCTT	1830
AlaIleGluLysAsnLeuAspLeuThrTyrGlnCysAspSerSerPheProAspAsnLeu	610
ATTGGAGATAGTTTTAGATTACGACAAGTTATTCTTAACTTGGCTGGTAATGCTATTAAG	1890
IleGlyAspSerPheArgLeuArgGlnValIleLeuAsnLeuAlaGlyAsnAlaIleLys	630
N N	
TTTACTAAAGAGGGGAAAGTTAGTGTTAGTGTGAAAAAGTCTGATAAAATGGTGTTAGAT	1950
PheThrLysGluGlyLysValSerValSerValLysLysSerAspLysMetValLeuAsp	650
-	
AGTAAGTTGTTGTTAGAGGTTTGTGTTAGCGACACGGGAATAGGTATAGAGAAAGACAAA	2010
SerLysLeuLeuGluValCysValSerAspThrGlyIleGlyIleGluLysAspLys	670
G1	
TTGGGATTGATTTCGATACCTTCTGTCAAGCTGATGGTTCTACTACAAGAAAGTTTGGT	2070
LeuGlyLeuIlePheAspThrPheCysGlnAlaAspGlySerThrThrArgLysPheGly	<sub>2</sub> 690
ለንኩ ን	
GGTACAGGTTTAGGGTTGTCAATTTCCAAACAGTTGATACATTTAATGGGTGGAGAGAT	a 2130 a 710
GlyThrGlyLeuGlyLeuSerIleSerLysGlnLeuIleHisLeuMetGlyGlyGluIl	5 /10
G2	מפוכ מ
TGGGTTACTTCGGAGTATGGATCCGGRTCAAACTTTTATTTTA	n 730
TrpValThrSerGluTyrGlySerGlySerAsnPheTyrPheThrValCysValSerPr	<i>)</i>
	G 2250
TCTAATATTAGATATACTCGACAAACCGAACAATTGTTACCATTTAGTTCCCATTATGT	
SerAsnIleArgTyrThrArgGlnThrGluGlnLeuLeuProPheSerSerHisTyrVa	
TTATTTGTATCGACTGAGCATACTCAAGAAGAACTTGATGTGTTGAGAGATGGAATTAT	A 2310
TTATTTGTATCGACTGAGCATACTCAAGAAGAACTTGATGTGTTGAGAGAACTTGAGAGAACTTGATGTGTTGTATCGACTGAGCATACTCAAGAAGAACTTGATGTGTTGAGAGAACTTGATGTGTTGTATCGACTGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGAGAGAAGAACTTGAGAGAAGAACTTGATGTGTTGAGAGAAGAACTTGAGAGAACTTGAGAGAAGAACTTGAAGAAGAACTTGAGAGAAGAACTTGAGAGAAGAACTTGAGAGAAGAACTTGAGAGAAGAACTTGAGAGAAGAACTTGAGAAGAACTTGAGAGAAGAACTTGAGAGAAGAACTTGAGAGAAGAACTTGAGAGAAGAACTTGAGAGAAGAACTTGAGAGAACTTGAGAGAACTTGAGAAGAACTTGAGAGAACTTGAGAGAACTTGAGAGAACTTGAGAGAACTTGAGAGAACTTGAGAGAACTTGAGAGAACTTGAGAGAACTTGAGAGAACTTGAGAGAACTTGAGAGAACTTGAGAGAACTTGAGAGAACTTGAGAAGAACTTGAGAGAACTTGAGAAGAACTTGAGAGAACTTGAGAAGAACTTGAGAAGAACTTGAGAAGAACTTGAGAAGAACTTGAGAAGAACTTGAGAAGAACTTGAGAAGAACTTGAGAAGAACTTGAGAAGAACTTGAGAAGAACTTGAGAAGAACTTGAGAAGAACTTGAGAAGAACTTGAGAAGAACTTGAGAAGAACTTGAGAAGAACTTGAGAAGAACTTGAGAAGAACTTGAGAAGAACTAGAAGAACTTGAGAAGAACAACAACAACAAACA	
Received from < > of although 2:03:03 but fraster natified from 1:00 from 1:	

### FIG. 1B

GAACTTGGATTGATACCTATAATAGTGAGAAATATTGAAGATGCAACATTGACTGAGCCGGluLeuGlyLeuIleProIleIleValArgAsnIleGluAspAlaThrLeuThrGluPro	2370 790
GTGAAATATGATATAATTATGATTGATTCGATAGAGATTGCCAAAAAGTTGAGGTTGTTA	2430
ValLysTyrAspIleIleMetIleAspSerIleGluIleAlaLysLysLeuArgLeuLeu	810
TCGGAGGTTAAATATATTCCGTTGGTTTTGGTCCATCATTCTATTCCACAGTTGAATATG	2490
SerGluValLysTyrIleProLeuValLeuValHisHisSerIleProGlnLeuAsnMet	830
$\label{lem:agactatcttcctatgcaaatacgccatgttcgatcacggac} A GAGTATGTATTGGGGATATCTTCCTATGCAAATACGCCATGTTCGATCACGGACArgVaiCysIleAspleuGlyIleSerSerTyrAlaAsnThrProCysSerIleThrAspleuGlyIleSerTyrAlaAsnThrAspleuGlyIleSerSerTyrAlaAsnThrProCysSerIleThrAspleuGlyIleSerSerTyrAlaAsnThrAspleuGlyIleSerSerTyrAlaAsnThrAspleuGlyIleSerSerTyrAntaggarThrAspleuGlyIleSerSerTyrAlaAsnThrAspleuGlyIleSerSerTyrAlaAsnThrAspleuGlyIleSerSerTyrAlaAsnThrAspleuGlyIleSerSerTyrAlaAsnThrAspleuGlyIleSerSerTyrAlaAsnThrAspleuGlyIleSerSerTyrAlaAsnThrAspleuGlyIleSerSerTyrAlaAsnThrAspleuGlyIleSerSerTyrAlaAsnThrAspleuGlyIleSerSerTyrAlaAsnThrAspleuGlyIleSerSerTyrAlaAsnThrAspleuGlyIleSerSerTyrAlaAsnThrAspleuGlyIleSerSerTyrAlaAsnThrAspleuGlyIleSerSerTyrAlaAsnThrAspleuGlyIleSerTyrAlaAsnThrAspleuGlyIleSerSerTyrAlaAsnThrAspleuGlyIleSerSerTyrAlaAsnThrAspleuGlyIleSerSerTyrAntaggarThrAspleuGlyIleSerSerTyrAntaggarThrAspleuGlyIleSerSerTyrAntaggarThrAspleuGlyIleSerSerTyrAntaggarThrAspleuGlyIleSerSerTyrAnta$	2550 850
TTGGCCAGTGCGATTATACCAGCGTTGGAGTCGAGATCTATATCACAGAACTCAGACGAG	2610
LeuAlaSerAlaIleIleProAlaLeuGluSerArgSerIleSerGlnAsnSerAspGlu	870
TCGGTGAGGTACAAAATATTACTAGCAGAGGACAACCTCGTCAATCAGAAACTTGCAGTT	2670
SerValArgTyrLysIleLeuLeuAlaGluAspAsnLeuValAsnGlnLysLeuAlaVal	890
AGGATATTAGAAAAGCAAGGGCATCTGGTGGAAGTAGTTGAGAACGGACTCGAGGCGTACAAGGIleLeuGluLysGlnGlyHisleuValGluValValGluAsnGlyLeuGluAlaTyr	2730 910
GAAGCGATTAAGAGGAATAAATATGATGTGGTGTTGATGGATG	2784 928

## FIG. 2A

		60 20
	TARGET COMMON COMMUNICATION CONCERNATION OF A COMMON COMMUNICATION OF A COMMON COMMUNICATION OF A COMMON COMMUNICATION OF A COM	20 40
	THE A COMMON ACCURA CACUTTATICACACTTATICAACATGAACTAGAAAAATCCAAAAAAT 1	.80 60
		240 80
	ATGGGAGACTTGTCGAAAAAAGTTGAGATTCACACAGTAGAAAATGACCCTGAGATTTTA MetGlyAspLeuSerLysLysValGluIleHisThrValGluAsnAspProGluIleLeu	
	AAAGTCAAAATCACCATCAACACCATGATGGATCAATTACAGACATTTGCTAATGAGGTT ; LysValLysIleThrIleAsnThrMetMetAspGlnLeuGlnThrPheAlaAsnGluVal	120
	ACAAAAGTCGCCACCGAAGTCGCAAATGGTGAACTAGGTGGACAAGCGAAAAATGATGGA ThrLysValAlaThrGluValAlaAsnGlyGluLeuGlyGlyGlnAlaLysAsnAspGly	420 140
	TCTGTTGGTATTTGGAGATCACTTACAGACAATGTTAATATTATGGCTCTTAATTTAACT SerValGlyIle <u>Frp</u> ArgSerLeuThrAspAsnValAsnIleMetAlaLeuAsnLeuThr	480 160
	AACCAAGTGCGAGAAATTGCTGATGTCACACGTGCTGTTGCCAAGGGGGACTTGTCACGTAsnGlnValArgGluIleAlaAspValThrArgAlaValAlaLysGlyAspLeuSerArg	540 180
	AAAATTAATGTACACGCCCAGGGTGAAATCCTTCAACTTCAACGTACAATAAACACCATG LysIleAsnValHisAlaGlnGlyGluIleLeuGlnGeuGlnArgThrIleAsnThrMet	600 200
	GTGGATCAGTTACGAACGTTTGCATTCGAAGTATCTAAAGTTGCTAGAGATGTTGGTGTG ValAspGlnLeuArgThrPheAlaPheGluValSerLysValAlaArgAspValGlyVal	660 220
	CTTGGTATATTAGGAGGACAAGCGTTGATTGAAAATGTTGAAGGTATTTGGGAAGAGTTG LeuGlyIleLeuGlyGlyGlnAlaLeuIleGluAsnValGluGlyIleTroGluGluLeu	720 240
Received from < > at 9/	ACTGATAATGTCAATGCCATGGCTCTTAATTTGACTACACAAGTGAGAAATATTGCCAAT 22/03 5:59:59 PM [Eastern Daylight Time]	781

### FIG. 2B

GTCACCACTGCCGTTGCCAAGGGGGATTTGTCGAAAAAAGTCACTGCTGATTGTAAGGGA ValThrThrAlaValAlaLysGlyAspLeuSerLysLysValThrAlaAspCysLycGly	840 280
GAAATYCTTGATTTGAAACTTACTATTAATCAAATGGTGGACCGATTACAGAATTTTGCT GluIleLeuAspLeuLysLeuThrIleAsnGlnMetValAspArgLeuGlnAsnPheAla	900 300
CTTGCGGTGACGACATTGTCGAGAGAGGTTGGTACTTTGGGTATTTTGGGTGGACAAGCT LeuAlaValThrThrLeuSerArgGluValGlyThrLeuGlyIleLeuGlyGlyGlnAla	960 320
AACGTACAGGATGTTGAAGGTGCTTGGAAACAGGTTACAGAAAATGTCAACCTAATGGCTASTGGCTASTGGCTASTGGCTASTGGCTASTGGCTASTGGCTASTGGCTASTGGCTASTGGCTASTGGCTASTGGCTASTGGCTASTGGCTASTGGCTASTGGCTASTGGCTASTGGCTASTGGCTAATGGTAATGGCTAATGAATG	1020 340
ACTAATTTAACTAACCAAGTGAGATCTATTGCTACAGTTACTACTGCAGTTGCGCATGGT ThrAsnLeuThrAsnGlnValArgSerIleAlaThrValThrThrAlaValAlaHisGly	1080
GATTTGTCGCAAAAGATTGATGGTCATCCCAAAGGAGAGATTTTACAATTGAAAAATACA AspLeuSerGlnLysIleAspGlyHisProLysGlyGluIleLeuGlnLeuLysAsnThr	1140
ATCAACAAGATGGTGGACTCTTTGCAGTTGTTTGCATCAGAAGTGTCGAAAGTGGCACAA IleAsnLysMetValAspSerLeuGlnLeuPheAlaSerGluValSerLysValAlaGlr	1200 1 400
GATGTTGGTATTAATGGAAAATTAGGTATTCAAGCACAAGTTAGTGATGTTGATGGATTAAAGAAAAAAAA	A 1260 u 420
TGGAAGGAGATTACGTCTAATGTAAATACCATGGCTTCAAATTTAACTTCGCAAGTGAGATTAACTTCGCAAGTGAGATTAACTTCGCAAGTGAGATTAACTTCGCAAGTGAGATTAACTTCGCAAGTGAGATTAACTTCGCAAGTGAGATTAACTTCGCAAGTGAGATTAACTTCGCAAGTGAGATGAGATTAACTTCGCAAGTGAGATGAGATGAGATTAACTTCGCAAGTGAGATGAGATGAGATGAGATGAGATGAGATGAGATGAGAATTTAACTTCGCAAGTGAGAGAGA	A 1320 g 440
GCTTTTGCACAGATTACTGCTGCTGCTACTGATGGGGATTTCACTAGATTTATTACTGT AlaPheAlaGlnIleThrAlaAlaAlaThrAspGlyAspPheThrArgPheIleThrVa	T 1380
GAAGCACTGGGAGAGATGGATGCGTTGAAAACAAAGATTAATCAAATGGTGTTTAACTT GluAlaLeuGlyGluMetAspAlaLeuLysThrLysIleAsnGlnMetValPheAsnLe	A 1440 au 480
AGGGAATCGCTTCAAAGGAATACTGCGGCTAGAGAAGCTGCTGAGTTGGCCAATAGTGCAGTAGAGAAGCTGCTGAGTTGGCCAATAGTGCAGAGAAGCTGCTGAGATAGTGCAATAGTGAATAGAATAGTGAATAGA	G 1500 a 500
AAATCCGAGTTTTTAGCAAACATGTCGCATGAGATTAGAACACCATTGAATGGGATTATAGAACACCATTGAATGGGATTATAGAACACCATTGAATGGGATTATAGAACACCATTGAATGGGATTATAGAACACCATTGAATGGGATTATAGAACACCATTGAATGGGATTATAGAACACCATTGAATGGGATTATAGAACACCATTGAATGGGATTATAGAACACCATTGAATGGGATTATAGAACACCATTGAATGGGATTATAGAACACCATTGAATGGGATTATAGAACACCATTGAATGGGATTAGAACACCATTGAATGGGATTAGAACACCATTGAATGGGATTAGAACACCATTGAATGGGATTAGAACACCATTGAATGGGATTAGAACACCATTGAATGGGATTAGAACACCATTGAATGGGATTAGAACACCATTGAATGGGATTAGAACACCATTGAATGGGATTAGAACACCATTGAATGGGGATTAGAACACCATTGAATGGGGATTAGAACACCATTGAATGGGGATTAGAACACCATTGAATGGGGATTAGAACACCATTGAATGGGGATTAGAACACCATTGAATGGGGATTAGAACACCATTGAATGGGGATTAGAACACCATTGAATGGGGATTAGAACACCATTGAATGGGGATTAGAACACCATTGAATGGGGATTAGAACACCATTGAATGGGGATTAGAACACCATTGAATGGGGATTAGAACACCATTGAATGGGGATTAGAACACCATTGAATGGGGATTAGAACACCATTGAATGGGGATTAGAACACCATTGAATGGGGATTAGAACACCATTGAATGGGGATTAGAACACCATTGAATGGGGATTAGAACACCATTGAATGGAATGAAT	TT 1560 le 52
reserve men men men and a server and men and under a und	

# FIG. 2C

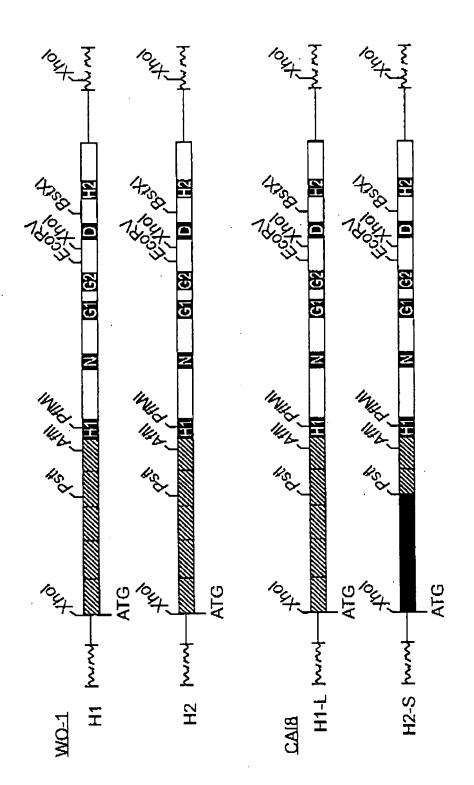
GGWATGACYCAGTTGTCRCTTGATACAGAGTTGACRCAGTACCAACGAGAGATGTTGTCGG1yMetThrGlnLeuSerLeuAspThrGluLeuThrGlnTyrGlnArgGluMetLeuSer	1620 540
ATTGTGCATAACTTGGCAAATTCCTTGTTGACCATTATAGACGATATATTGGATATTTCT IleValHisAsnLeuAlaAsnSerLeuLeuThrIleIleAspAspIleLeuAspIleSer	1680 560
AAGATTGAGGCGAATAGAATGACGGTGGAACAGATTGATT	1740 580
TTTGGTGCATTGAAAACGTTAGCCGTCAAAGCTATTGAAAAAAACCTAGACTTGACCTAT PheGlyAlaLeuLysThrLeuAlaValLysAlaIleGluLysAsnLeuAspLeuThrTyr	1800 600
CAATGTGATTCATCGTTTCCAGATAATCTTATTGGAGATAGTTTTAGATTACGACAAGTT GlnCysAspSerSerPheProAspAsnLeuIleGlyAspSerPheArgLeuArgGlnVal	1860 620
ATTCTTAACTTGGCTGGTAATGCTATTAAGTTTACTAAAGAGGGGAAAGTTAGTGTTAGT IleLeuAsnLeuAlaGlyAsnAlaIleLysPheThrLysGluGlyLysValSerValSer	1920 640
n GTGAAAAAGTCTGATAAAATGGTGTTAGATAGTAAGTTGTTTAGAGGTTTGTGTTAGC ValLysLysSerAspLysMetValLeuAspSerLysLeuLeuLeuGluValCysValSer	1980 660
GACACGGGAATAGGTATAGAGAAAGACAAATTGGGATTGATT	20 <b>4</b> 0 680
G1 GCTGATGGTTCTACTACAAGAAAGTTTGGTGGTACAGGTTTAGGGTTGTCAATTTCCAAA AlaAspGlySerThrThrArgLysPhe <u>GlyGlyThrGlyLeuGlyLeu</u> SerIleSerLys G2	, , , , ,
CAGTTGATACATTTAATGGGTGGAGAGATATGGGTTACTTCGGAGTATGGATCCGGRTCAGATATGGGTGAGAGATATGGGTTACTTCGGAGTATGGATCCGGRTCAGAGAGATATGGGTTACTTCGGAGTATGGATCCGGRTCAGAGAGATATGGGTTACTTCGGAGTATGGATCCGGRTCAGAGAGATATGGGTTACTTCGGAGTATGGATCCGGRTCAGAGAGATATGGGTTACTTCGGAGTATGGATCCGGRTCAGAGAGATATGGGTTACTTCGGAGTATGGATCCGGRTCAGAGAGATATGGGTTACTTCGGAGTATGGATCCGGRTCAGAGAGATATGGGTTACTTCGGAGTATGGATCCGGRTCAGAGAGATATGGGTTACTTCGGAGTATGGATCCGGRTCAGAGAGATATGGGTTACTTCGGAGTATGGATCCGGRTCAGAGAGATATGGGATATGGGATCCGGRTCAGAGAGATATGGGATATGGATCCGGRTCAGAGAGATATGGGATATGGGATATGGATCCGGRTCAGAGAGATATGGGATATGGATCCGGRTCAGAGAGATATGGGATATGGATCCGGRTCAGAGAGATATGGGATATGGGATATGGATCCGGRTCAGAGAGATATGGGATATGGATCCGGRTCAGAGAGATATGGGATATGGGATATGGATCCGGRTCAGAGAGATATGGGATATGGGATATGGGATATGGATCCGGRTCAGAGAGATATGGGATATGGATATGGATATGGATATGGATATGGATATGGATATGGATATGGATATGGATATGGATATGGATATGGATATGGATATGGATATGGATATGGATATGGATATGGATATGAGAGAGAGATATGGATATGAGAGAGAGATATGGATATGAGAGAGAGATATGGATATGAGAGAGAGATATGGATATGAGAGAGAGATATGGATATGAGAGAGAGAGAGAGATATGGATATGAGATATGAGAGAGAGATATGGATATGAGAGAGAGATATGA	A 2160 c 720
AACTTTTATTTTACGGTGTGCGTGTCGCCATCTAATATTAGATATACTCGACAAACCGA AsnPheTyrPheThrValCysValSerproSerAsnIleArgTyrThrArgGlnThrGl	A 2220 u 740
CAATTGTTACCATTTAGTTCCCATTATGTGTTATTTGTATCGACTGAGCATACTCAAGA GlnLeuLeuProPheSerSerHisTyrValLeuPheValSerThrGluHisThrGlnGl	A 2280 u 760
GAACTTGATGTGTTGAGAGATGGAATTATAGAACTTGGATTGATACCTATAATAGTGAGAGATGGAATTATAGAACTTGGATTGATACCTATAATAGTGAGAGATGGAATTATAGAACTTGGATTGATACCTATAATAGTGAGAGATGGAATTATAGAACTTGGATTGATACCTATAATAGTGAGAGATGGAATTATAGAACTTGGATTGATACCTATAATAGTGAGAGATGGAATTATAGAACTTGGATTGATACCTATAATAGTGAGAGATGGAATTATAGAACTTGGATTGATACCTATAATAGTGAGAGATGGAATTATAGAACTTGGATTGATACCTATAATAGTGAGAGATGGAATTATAGAACTTGGATTGATACCTATAATAGTGAGAGATGGAATTATAGAACTTGGATTGATACCTATAATAGTGAGAGATGGAATTATAGAACTTGGATTGATACCTATAATAGTGAGAGATGGAATTATAGAACTTGGATTGATACCTATAATAGTGAGAGATGGAATTATAGAACTTGGATTGATACCTATAATAGTGAGAGATGGAATTATAGAACTTGGATTGATACCTATAATAGTGAGAGATGGAATTATAGAACTTGGATTGATACCTATAATAGTGAGAGATGGAATTATAGAACTTGGATTGATACCTATAAATAGTGAGAGATGGAATTATAGAACTTGGATTGATACCTATAAATAGTGAGAGATGGAATTATAGAACTTGGATTGATACCTATAAATAGTGAGAGAGA	A 2340 g 780

#### FIG. 2D

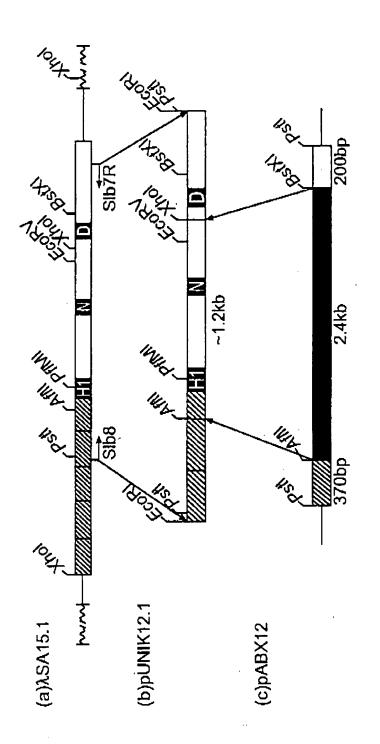
AATATTGAAGATGCAACATTGACTGAGCCGGTGAAATATGATATAATTATGATTCG AsnIleGluAspAlaThrLeuThrGluProValLysTyrAspIleIleMetIleAspSer	2400 800
ATAGAGATTGCCAAAAAGTTGAGGTTGTTATCGGAGGTTAAATATATTCCGTTGGTTTTGIleGluIleGluIleAlaLysLysLeuArgLeuLeuSerGluValLysTyrIleProLeuValLeu	2460 820
GTCCATCATTCTATTCCACAGTTGAATATGAGAGTATGTAT	2520 840
TATGCAAATACGCCATGTTCGATCACGGACTTGGCCAGTGCGATTATACCAGCGTTGGAG TyrAlaAsnThrProCysSerIleThrAspLeuAlaSerAlaIleIleProAlaLeuGlu	2580 860
TCGAGATCTATATCACAGAACTCAGACGAGTCGGTGAGGTACAAAATATTACTAGCAGAG SerArgSerIleSerGlnAsnSerAspGluSerValArgTyrLysIleLeuLeuAlaGlu	2640 880
GACAACCTCGTCAATCAGAAACTTGCAGTTAGGATATTAGAAAAGCAAGGGCATCTGGTG AspAsnLeuValAsnGlnLysLeuAlaValArgIleLeuGluLysGlnGlyHisLeuVal	2700 900
GAAGTAGTTGAGAACGGACTCGAGGCGTACGAAGCGATTAAGAGGAATAAATA	2760 920
GTGTTGATGGATGTGCAAATGCCTGTAATGGGTGGGTTTGAAGCTACGGAGAAGATTCGA ValLeuMetAspValGlnMetProValMetGlyGlyPheGluAlaThrGluLysIleArg	2820 940
CAATGGGAGAAAAAGTCTAACCCAATTGACTCGTTGACCTTTAGGACTCCAATTATTGCCGInTrpGluLysLysSerAsnProlleAspSerLeuThrPheArgThrProlleIleAla	2880 960
CTCACTGCACACGCCATGTTAGGTGATAGAGAAAAGTCATTGGCCAAGGGGATGGACGAT LeuThrAlaHisAlaMetLeuGlyAspArgGluLysSerLeuAlaLysGlyMetAspAsp	2940 980
TATGTGAGTAAGCCATTGAAGCCGAAATTGTTAATGCAGACGATAAAGAAGTGTATTCAT TyrValSerLysProLeuLysProLysLeuLeuMetGlnThrIleAsnLysCysIleHis	3000
AATATTAACCAGTTGAAAGAATTGTCGAGAAATAGTAGGGGTAGCGATTTTGCAAAGAAGAAGAAGAATAGTAGGGGTAGCGATTTTGCAAAGAAGAAGAAGAAGAATAGTAGGGGGTAGCGATTTTGCAAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGAAGA	3060 1020
ATGACCCGAAACACACCCGGCCGCACGACCCGTCAGGGGAGTGATGAGGGGAGTGTAAAC  Received from <> at 9/22/03 5:59:59 PM [Eastern Daylight Time]	3 3120 5 1040

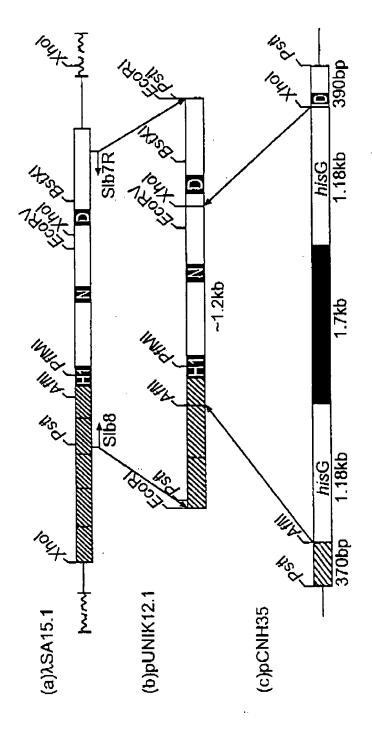
### FIG. 2E

$\label{leg} {\tt GACATGATTGGGGACACTCCCCGTCAAGGGAGTGTGGAGGGAG$	3180 1060
${\tt CCAGTACAGAGAAGGTCTGCCAGGGAGGGGTCGATCACTACAATTAGTGAACAAATCGACProValGlnArgArgSerAlaArgGluGlySerIleThrThrIleSerGluGlnIleAsp}$	32 <b>4</b> 0 1080
CGTTAG	3246 1082



F/G. 3





F/G. 5